

Remote Well Monitoring

By combining the PPS33LR Wireless Sensor System with real time online data management, PPS offers an excellent solution for offset well monitoring in order to prevent frac hits. This highly adaptable mobile solution provides a complete field kit that can easily be setup on site. The kit includes a durable stand, cables, a modem, multiple sensors, a battery plus a solar cell to charge the battery.

Using a GSM (cellular) back haul, real time data is streamed to secured servers and multiple location backup servers. Users can log in online to access their data 24 hours a day, seven days a week. The system is capable of sending alert e-mail and text messages to registered users, if the data received from the tools moves outside of the acceptable parameters created on setup. This gives client's peace of mind knowing their job site is being monitored day and night.

Benefits of the PPS system:

- Highly accurate sensors to ensure precise measurements
- Each sensor has an integrated antenna and battery for easy maintenance
- Uses 900MHz transmission between sensors and Gateway
- Provides real-time readings and charting, as well as historical charting
- Allows users to download data any time and prevents data loss or corruption with backup servers
- Sends e-mail or text message alerts, if data is outside set parameters
- Enables multiple level user administration

Applications:

- **Offset well monitoring during frac operations**
- **Diagnostic fracture injection test (mini-frac)**
- **Fall off test / Injection test**
- **Pressure build-up test**

